

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-28. (canceled).

29. (previously presented): A method for producing a solid electrolytic capacitor comprising a metal material having thereon a dielectric film having surface pores and a solid electrolyte formed on a desired position of the dielectric film, said metal material being cut into a predetermined shape and having valve action, wherein the method comprises the steps of

linearly coating a masking material solution around the entire circumference in a region undertaking a boundary in an application of electrochemical forming onto said metal material, and heating the solution to form said first masking layer;

subjecting an area where a solid electrolyte is formed later to electrochemical forming, the area being defined by the first masking layer on said metal material;

further linearly coating said masking material solution around the entire circumference in the region at a predetermined distance from said first masking layer on said electrochemically formed metal material, and heating the solution to form said second masking layer;

forming a solid electrolyte in the area exclusive of the space between said first masking layer and said second masking layer out of the area subjected to said electrochemical forming; and

cutting said metal material in the space between said first masking layer and said second masking layer,

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